

Hernandez, Kathryn

From: Jim Blankenau [jim.blankenau@parkcity.org]
Sent: Thursday, January 16, 2014 3:39 PM
To: Madigan, Andrea; btjohnson@utah.gov; Chris Cline (Chris_Cline@fws.gov); Dana Jacobsen (dana.jacobsen@sol.doi.gov); Kari Lundeen (klundeen@utah.gov); Hernandez, Kathryn; Kent Sorenson (kentsorenson@utah.gov); Mo Slam (mslam@utah.gov); Nathalie Doherty; Padgett, Casey; Polly Jessen (pjessen@kaplankirsch.com); skallen@utah.gov; tingwell@blm.gov; Trent Duncan (tduncan@blm.gov)
Cc: Messersmith, Tammi
Subject: OU4 Quarterly Progress Report

This report is intended to satisfy the requirement of paragraph 36 of the Richardson Flat Tailings Site OU4 Administrative Settlement and Order on Consent.

- (1) Describe the actions that have been taken by Park City during the quarter.**
 - a. Park City's consultant, URS Corporation has collected three additional (3) rounds of monthly water level and flow data on October 7th, November 7th, and December 9th. A letter reports summarizing those activities and including the data collected has been submitted to EPA.
 - b. Park City's consultant, URS Corporation has collected the second quarter of groundwater, surface water, and Prospector Drain samples on October 7th-11th. Data was submitted to EPA via FTP site.
 - c. Park City's consultant, URS Corporation has completed the Piezometer Installation Report, including all soil data collected. The Report and all data was submitted to EPA via FTP site.
 - d. Park City's consultant, URS Corporation has completed the First Quarter Sampling Report. The Report and all data was submitted to EPA via FTP site.
 - e. Park City's consultant, URS Corporation has begun preparing the NRDA related work products.
- (2) Include all results of sampling and tests and all other data received by Park City.**
 - a. Due to the volume of data, all data received during this quarter has been previously submitted to EPA in the form of letter reports and FTP data uploads, as described above.
- (3) Describe work planned for the next two quarters with schedules relating to such work to the overall project schedule for EE/CA completion.**
 - a. Collection of six (6) rounds of monthly water level and flow data. Approx. January 6th, February 10th, March 10th, April 7th, May 5th, and June 9th.
 - b. Collection of two (2) quarters of groundwater, surface water, and Prospector Drain samples. Second week of January and the second week of April.
 - c. Develop and submit six (6) Monthly Water Level/Flow Letter Reports. End of each month.
 - d. Develop and submit three (3) Quarterly Sampling Letter Reports. First week in February (Q2), third week in February (Q3) and third week in May (Q4).
- (4) Describe all problems encountered and any anticipated problems, any actual or anticipated delays, and solutions developed and implemented to address these.**
 - a. During the December 9th water level and flow measurement activities, it was discovered that PZ-17 had been damaged (it is assumed by a trail plow) and was not able to be measured during that data collection event. Drillers were scheduled to replace or repair the damage on January 6th, 2014. Once drillers were onsite, it was determined that it was only the surface completion that was damaged. The surface completion was repaired on January 6th and the well was resurveyed on January 7th, 2014. All water levels collected at PZ-17, from January 2013 and forward, will use the new survey to calculate water level elevation.
 - b. Rodent holes continue to be observed adjacent to the weir at SW4, causing leaking around the weir. Filling the holes with fine-grained material does not appear to be a sustainable solution. Visually, the

leakage is estimated to be 30-50 gpm. The problem will be monitored during monthly water level measurement and noted as appropriate.

- c. During the December water level and flow data collection event, ice had built up around the weirs at SW1 and SW2. To address this, the ice was removed prior to flow measurement at each location and an air gap was observed between the ice and the water surface, allowing accurate flow measurements to be collected.

Thanks,

Jim Blankenau, P.G.
Environmental Regulatory Program Manager
Park City Municipal Corporation
445 Marsac Avenue, P.O. Box 1480
Park City, UT 84060

Phone: (435) 615-5155
(801) 484-6114 (cell)

